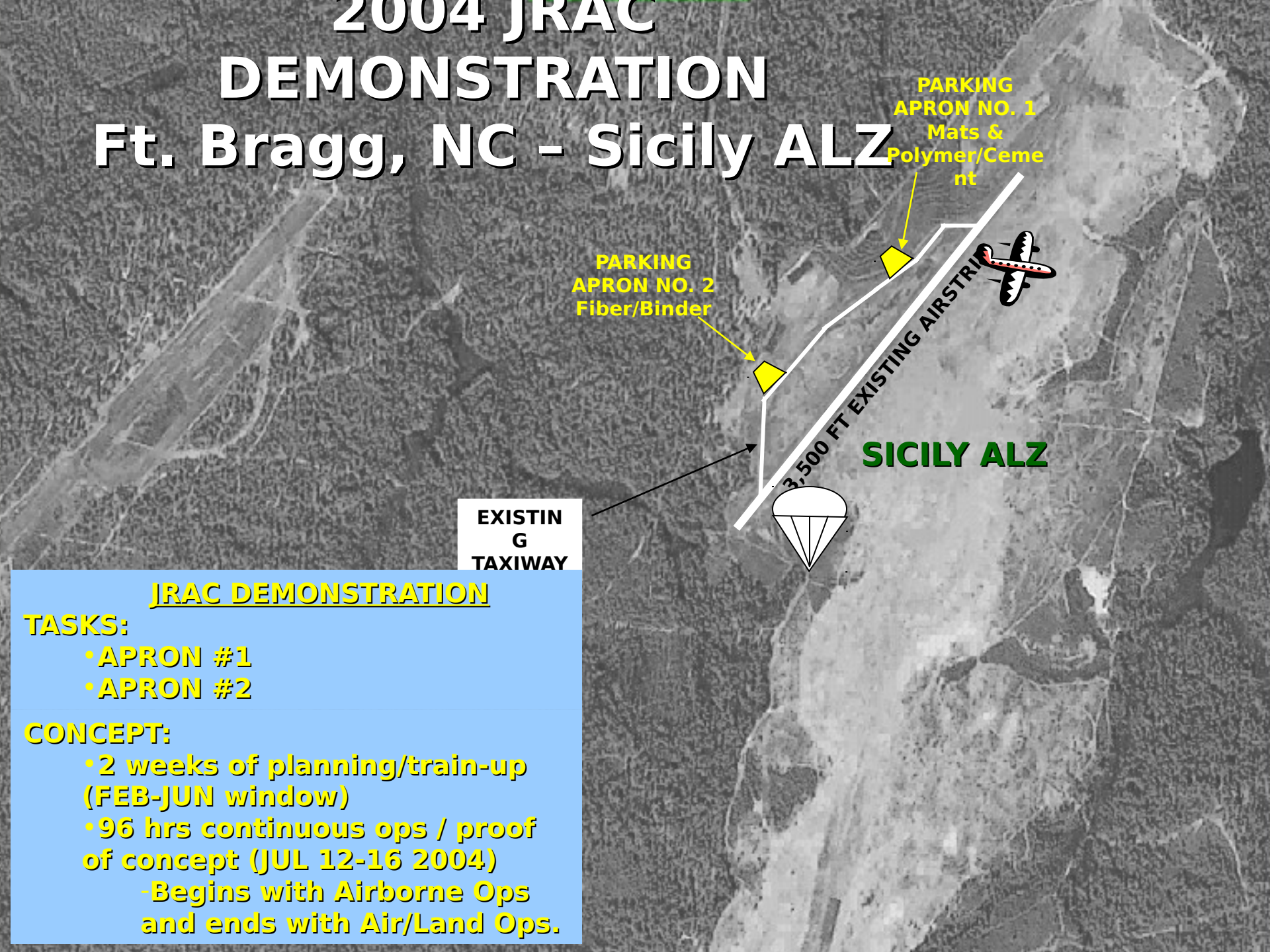
2004 JRAC DEMONSTRATION
Ft. Bragg, NC – Sicily ALZ


PARKING APRON NO. 1 Mats & Polymer/Cement
PARKING APRON NO. 2 Fiber/Binder
3,500 FT EXISTING AIRSTRIP
SICILY ALZ
EXISTING TAXIWAY

JRAC DEMONSTRATION

TASKS:

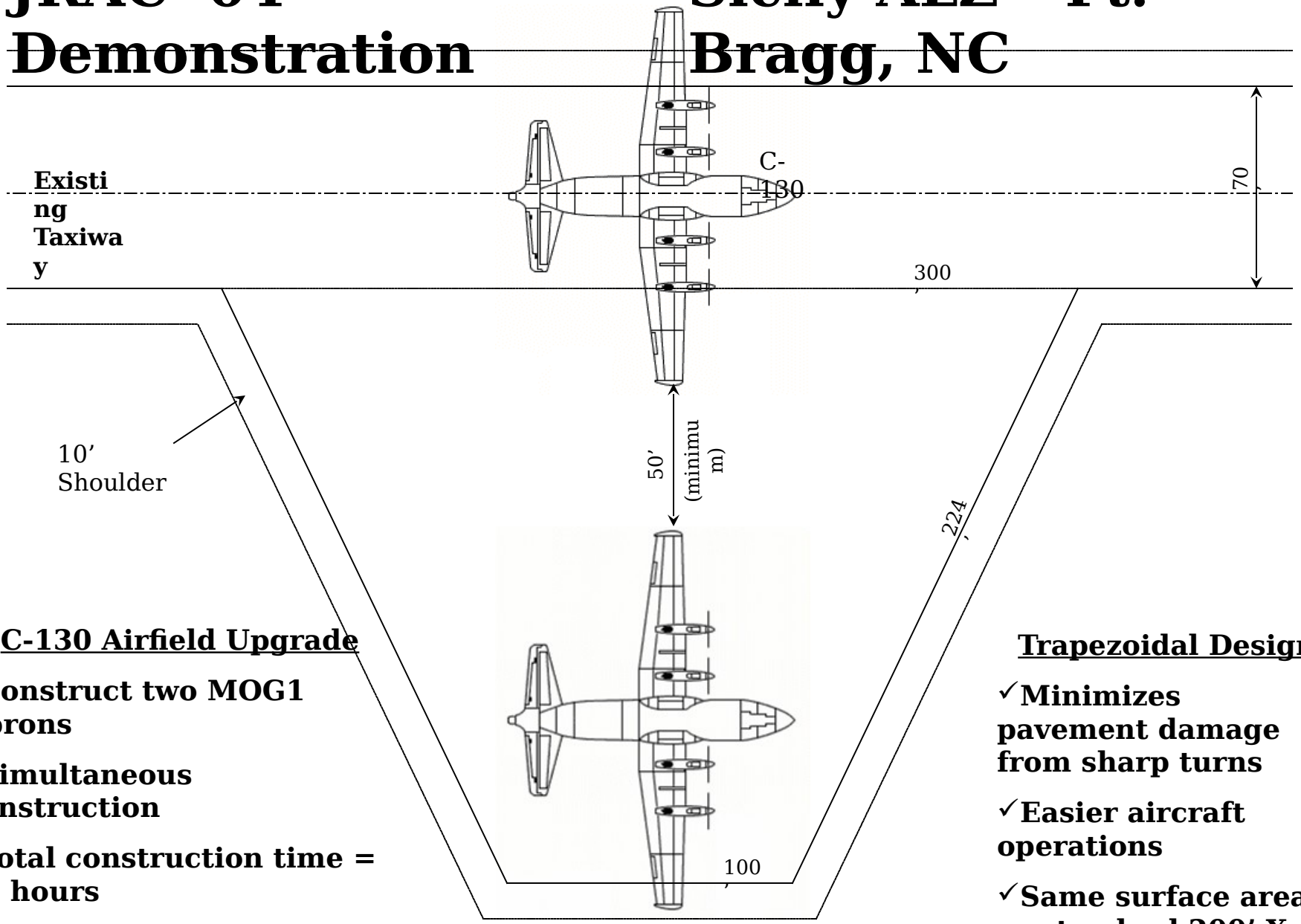
- APRON #1
- APRON #2

CONCEPT:

- 2 weeks of planning/train-up (FEB-JUN window)
- 96 hrs continuous ops / proof of concept (JUL 12-16 2004)
  - Begins with Airborne Ops and ends with Air/Land Ops.

JRAC ’04 Demonstration

Sicily ALZ – Ft. Bragg, NC



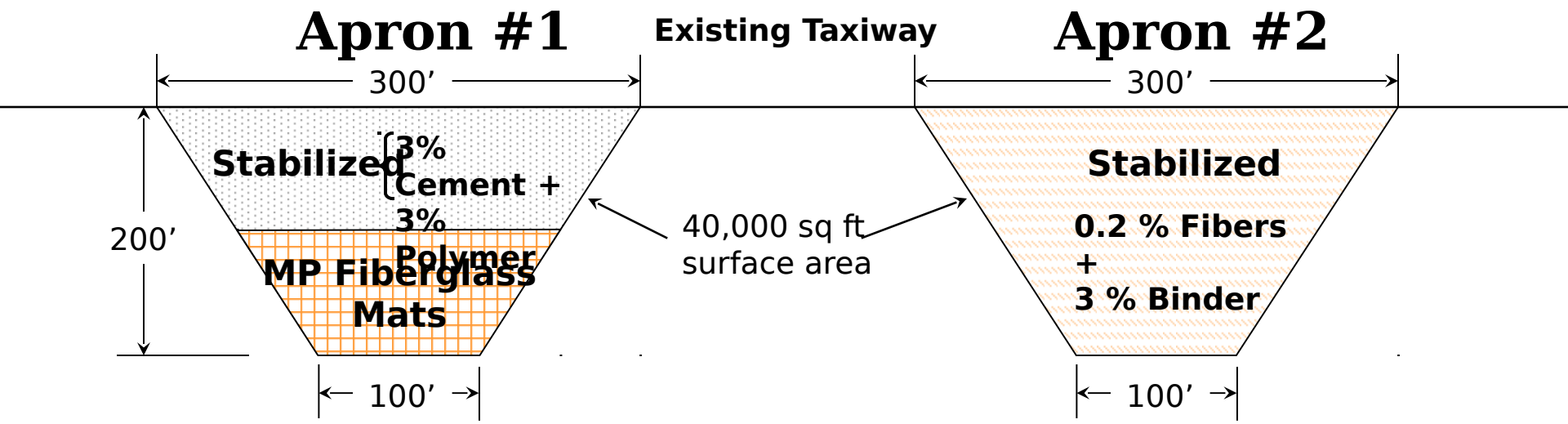
C-130 Airfield Upgrade

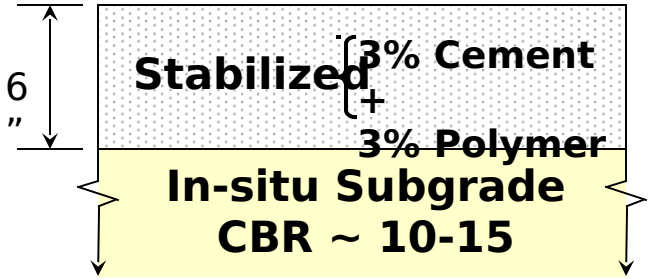
- **Construct two MOG1 Aprons**
- **Simultaneous construction**
- **Total construction time = 48 hours**

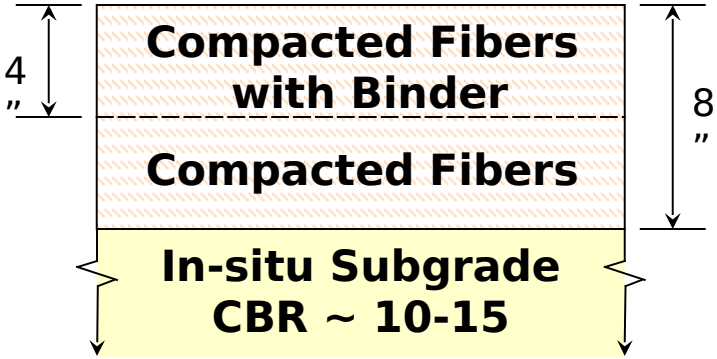
Trapezoidal Design

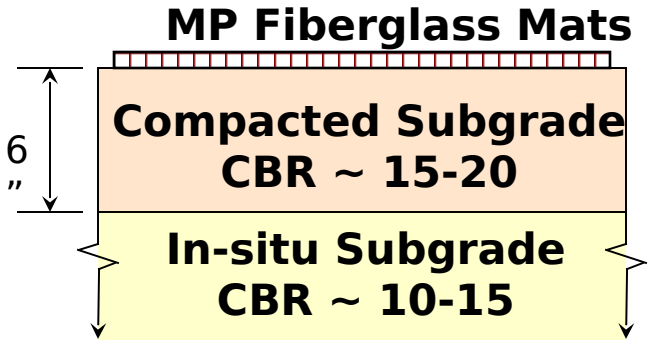
- ✓**Minimizes pavement damage from sharp turns**
- ✓**Easier aircraft operations**
- ✓**Same surface area as standard 200’ X 200’**
- ✓**Meets 50’**

JRAC Demo Apron Geometries and Cross-Sections



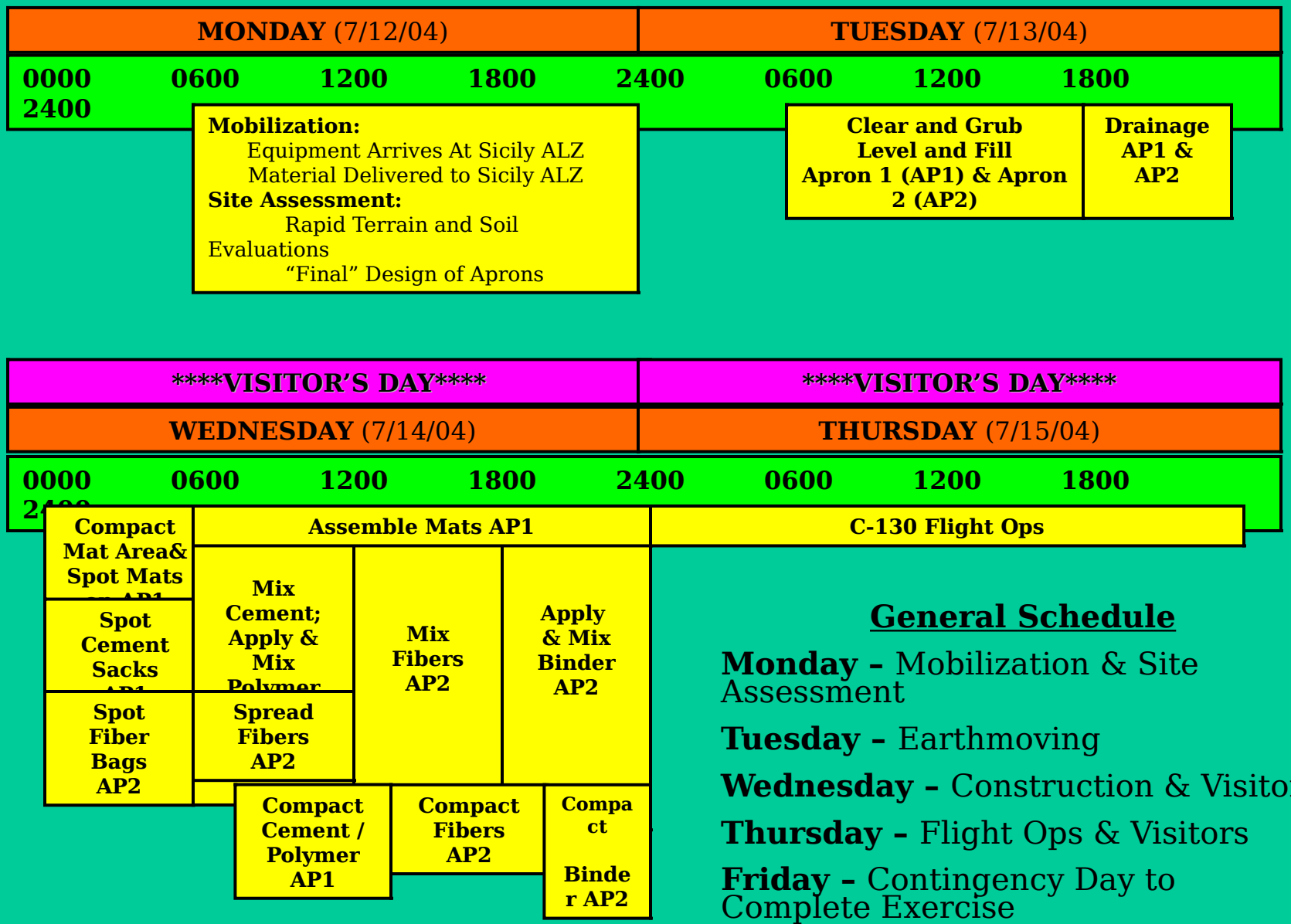






APRON #1	APRON #2
385 sacks Cement 4300 gal. Polymer 580 MP Mats	9200 lbs. Fibers 5750 gal. Binder

JRAC 2004 DEMO PROJECT TIMELINE



General Schedule

Monday – Mobilization & Site Assessment

Tuesday – Earthmoving

Wednesday – Construction & Visitors

Thursday – Flight Ops & Visitors

Friday – Contingency Day to Complete Exercise